



United States  
Environmental Protection  
Agency

Office Of Air Quality  
Planning And Standards  
Research Triangle Park, NC 27711

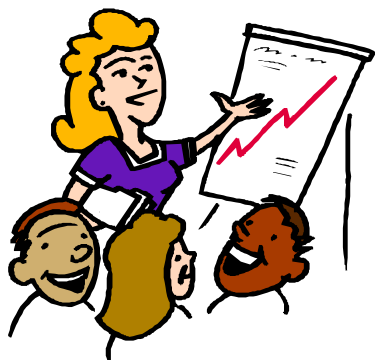
EPA-454/C-99-003  
Volume X, No. 3  
October, 1999

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## Toxics Inventory Training Hits the Road...

Robert McConnell, Region I



..... And was a big hit in Boston. On September 13th, Anne Pope, Roy Smith and Lee Tooty from EPA's offices in soggy North Carolina assisted with an air toxics inventory training course for State inventory staff from Regions I and II. The course covered inventory basics such as inventory preparation plans, sources of air toxics emission factors, and calculation procedures for stationary point, area, on-road mobile, and off-road mobile sources. Data management, quality assurance, and the toxicity of HAPs were also discussed.

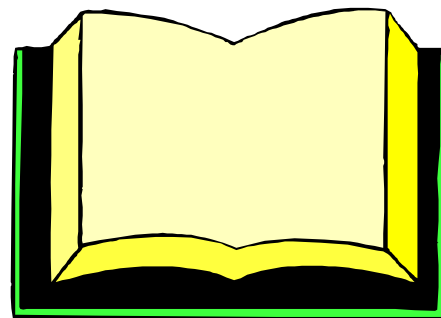
The training course provided the attendees with a great opportunity to understand EPA's need for improved air toxic inventories, and to get feedback from EPA on their own State programs. Many of the Region I and II States are planning on expanding their air toxics inventory efforts, with an eye towards preparing comprehensive inventories for calendar year 1999. The EPA received lots of positive feedback from the States after the course. If your State intends to develop an air toxics inventory, or to expand an existing one, you may want to look into having this training course come to your area.

## New Handbook for Estimating Criteria Pollutants Now Available

Steve Bromberg

The second in a series of emission inventory handbooks is now available on the web ([http://www.epa.gov/ttn/chief/ei\\_guide.html](http://www.epa.gov/ttn/chief/ei_guide.html)). The "Handbook for Criteria Pollutant Inventory Development: A Beginner's Guide for Point and Area Sources" is a step-by-step tutorial on how to prepare an emission inventory. Because of the frequent change in personnel, the handbook was written for entry level individuals having to compile their first inventory.

The Handbook extracts and condenses information from Volume II (point sources) and Volume III (area sources) of the Emission Inventory and Improvement Program series. The Handbook was written assuming that the reader had no, or very little, inventory experience. Common terminology and expressions are defined in practical terms.



# Net Input Format Training During AWMA Emission Inventory Conference

Lee Tooly

The Emission Factor & Inventory Group will do a training course on the NET Input Format, on Thursday, October 28, 1-4:00 pm, at the AWMA Emission Inventory Conference in Raleigh, North Carolina.

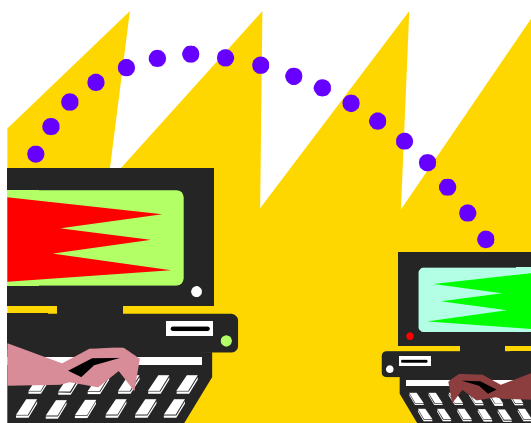
The course is intended for state / local / tribal staff members involved in transferring emissions inventory data to the EPA for incorporation into the national inventory.

Presently, staff members from the following state / local / other agencies have indicated they will attend the course:

Arizona	California
Colorado	Connecticut
Delaware	Kentucky
Michigan	New Jersey
Nevada	North Carolina
South Carolina	Pennsylvania
Texas	Utah
Washington	West Virginia

If you have not already done so, sign up will be at the Emission Factor and Inventory Booth at the conference.

Thank you for your interest and we look forward to seeing you !



# The National Emission Trends (NET) Update

Douglas Solomon

The National Emission Trends (NET) data base is an emission inventory of the latest air pollutant estimates for CO, NO<sub>x</sub>, VOC, SO<sub>2</sub>, PM-10, PM-2.5, and NH<sub>3</sub> for the United States. The NET database was updated in FY 1999 and is scheduled for release in several different formats in the first quarter of FY2000. Updating the NET data for calendar year 1996 was the focus of the updates performed in FY1999. The 1996 NET data was updated through the collection of State emission inventory data from 35 States. In addition, new emission estimates from non-road sources were developed through the use of a draft version of the NONROAD model, developed by the Office of Mobile Sources (OMS).

Based on the updated 1996 emission estimates, new emission estimates for the calendar years 1997 and 1998 will be developed. The updated 1996 data will be available on the AIRSData web page (<http://www.epa.gov/airsdata>) by the end of October. The 1996 data will also be available on the next version of the AIRS Executive Plus (AEPlus) CD. The entire 1996 data base will be available for download from the CHIEF web page (<http://www.epa.gov/ttn/chief>). The new 1997 and 1998 data will be released in the next National Air Pollutant Emission Trends Report, scheduled for release in January 2000.

The database is used by a large variety of groups, both inside and outside of EPA, and is the basis for numerous analysis and decision-making activities such as the OTAG, NO<sub>x</sub> SIP Call, the new PM and Ozone NAAQS, assistance to States in development of their State Implementation Plans, and most recently, by the EPA in modeling and economic analysis of the proposed Tier 2 tailpipe standards.



**The CHIEF Newsletter**  
Volume X, No. 3  
Fall 1999

*The CHIEF Newsletter is produced quarterly by the Emission Factor and Inventory Group; Emissions, Monitoring, and Analysis Division; of EPA's Office of Air Quality Planning and Standards. Its purpose is to enhance communication within the emission factor and inventory community by providing new and useful information and by allowing for the exchange of information between and among its readers. Comments on the Newsletter and articles for inclusion in it are welcome and should be directed to Emission Factor and Inventory Group (MD-14), US EPA, Research Triangle Park, NC 27711; telephone (919) 541-5285.*

*The contents of The CHIEF Newsletter do not necessarily reflect the views and policies of the Agency, neither does the mention of trade names or commercial products constitute endorsement or recommendation for use.*

## EIIP Phase 2

Dennis Beauregard

Although much was accomplished during the initial phase of EIIP, many tools will need development or refinement to support implementation of programs for PM fine, haze, ozone and toxics. During August of 1999, a workshop was held in Raleigh, North Carolina to identify program needs and develop the content and structure of the next phase of the Emission Inventory Improvement Program (EIIP) to address those needs. Representatives of air pollution control agencies from across the Country spent the better part of two days developing projects and initiatives related to the following areas:

- Products
- Training and Outreach
- Institutional

“Products” includes development of new technical tools to develop emission inventories as well as the traditional guidance documents developed under Phase 1. Many of the needs identified relate to tools for emissions modeling including profiles for temporal, spatial and chemical specie emissions allocation.

“Training and Outreach” in a formal sense is new to EIIP although the guidance materials produced under Phase 1 have a training component to them. This area will focus on information transfer through workshops, mentoring and benchmarking (funds for agencies to visit each other). Training needs will be evaluated and recommendations provided to EPA, STAPPA/ALAPCO and AWMA for development of emission inventory training programs.

“Institutional” needs or concerns are most recognizable when identified as barriers to accomplishing our mission. EIIP will be a convenient and effective forum for identifying and elevating institutional concerns to appropriate management levels for resolution.

Based upon the comments and suggestions received during the workshop, projects and initiatives were developed for the next three year phase of EIIP which will form the core of a plan for discussion at the meeting of the Standing Air Emissions Work Group (SAEWG) in October. Next, the State and Territorial Air Pollution Program Administrators (STAPPA) and Association of Local Air Pollution Control Officers (ALAPCO) will review the plan to evaluate the ability of EIIP to address program needs over the next several years.

The plan will posted on the EIIP Web site ([www.epa.gov/ttn/chief/eiip/](http://www.epa.gov/ttn/chief/eiip/)) and should be consulted for details regarding Phase 2 activities proposed for the future. After reviewing the plan, should you have an interest in participating in any of the EIIP Phase 2 activities, please contact me at [beauregard.dennis@epa.gov](mailto:beauregard.dennis@epa.gov).

## PM Emissions Inventories - Lets Get Started!

Thompson G. Pace

PM<sub>2.5</sub> may sound like a familiar pollutant to those who developed PM<sub>10</sub> emission inventories and State Implementation Plans (SIPs). However, it quite different from PM<sub>2.5</sub>, owing to the bimodal size distribution of PM and the very different nature of the sources in each mode. The PM<sub>2.5</sub> Committee of the Emission Inventory Improvement Program has developed two products to help agencies and other stakeholders in the process of gathering PM<sub>2.5</sub> emissions inventory information. The first is a document called Getting Started: Emission Inventory Methods for PM<sub>2.5</sub>. This document covers a range of topics to introduce PM<sub>2.5</sub> to those lacking familiarity with the pollutant, its sources and precursors. It also discusses special considerations for inventorying this “new” pollutant and recommends activities that States can undertake now to ease the transition from PM<sub>10</sub> to PM<sub>2.5</sub>.

The second product is a new web page on the EIIP web site that we call the PM<sub>2.5</sub> Inventory Resource Center. This page includes links to a variety of sites that cover: inventory basics, the “Getting Started” document, inventory tools and preparation, quality control, and preprocessing emissions for modeling. It also contains links to State Agency and other stakeholder web sites and links to the emission inventory forum. All in all, it’s a site that’s potentially very useful for the PM<sub>2.5</sub> inventory process. The web address for this page is: <http://www.epa.gov/ttn/chief/eiip/pm25inventory/>.

***Info CHIEF's Most Frequently Asked Questions***

***Call (919) 541-5285 or email [info.chief@epamail.epa.gov](mailto:info.chief@epamail.epa.gov)  
if you have questions!***